

From: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com> on behalf of lifan
gu gulifan@hotmail.com [SJTU-SV] <SJTU-SV-noreply@yahoogroups.com>
Sent: Friday, January 24, 2020 12:48 PM
To: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com>
Cc: gulifan06@yahoo.com <gulifan06@yahoo.com>
Subject: [SJTU-SV] A List of Questions for Mathematics in Intelligence Studies

1. In Logic We Trust

逻辑学
哲学

2. In Math We trust

数学
物理
力学
AI
计算机

3. In Physics We Trust

物理
力学
量子力学

4. 机器人

机器人
3D 打印

5. 深度学习

深度学习
1. 2. 3. 机器学习
Deepmind
Waymo

6. 人工智能

人工智能
机器学习
深度学习
神经网络
自然语言处理
计算机视觉
语音识别
推荐系统

AlphaGo
AlphaGo Zero

AlphaGo Zero

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~~~~~ Conclusion

From: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com> on behalf of lifan
gu gulifan@hotmail.com [SJTU-SV] <SJTU-SV-noreply@yahoogroups.com>

Sent: Thursday, January 23, 2020 6:19 PM

To: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com>

Subject: [SJTU-SV] Conclusion: Mathematics in Intelligence Studies

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AlphaGo Zero 『 superhuman 『 retire『~~~~~

~~~~~ (4)

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gu gulifan@hotmail.com [SJTU-SV] <SJTU-SV-noreply@yahoogroups.com>

Sent: Thursday, January 23, 2020 12:59 PM

To: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com>

Subject: [SJTU-SV] Mathematics in Intelligence Studies (4)

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AlphaGo Zero は、AlphaGo の開発者である DeepMind によって開発された強化学習アルゴリズムです。このアルゴリズムは、自身で既存の棋譜を学習して棋力を向上させる能力を持っています。AlphaGo Zero は、围棋の世界最強棋士である Ke Jie と対戦し、彼を3-0で下すなど、驚異的な棋力を発揮しました。

~~~~~ (3)

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gu gulifan@hotmail.com [SJTU-SV] <SJTU-SV-noreply@yahoogroups.com>  
Sent: Wednesday, January 22, 2020 4:10 PM  
To: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com>  
Subject: [SJTU-SV] Mathematics in Intelligence Studies (3)

ابن حیثام (Ibn al-Haytham) میں ایک ایسا مسئلہ تھا کہ

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~~~~~ (2)

From: SITU-SV@yahooGroups.com <SITU-SV@yahooGroups.com> on behalf of lifan

gu gulifan@hotmail.com [SJTU-SV] <SJTU-SV-noreply@yahoogroups.com>

Sent: Wednesday, January 22, 2020 2:32 AM

To: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com>

Subject: [SJTU-SV] Re: Re: Mathematics in Intelligence Studies

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From: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com> on behalf of lifan

gu gulifan@hotmail.com [SJTU-SV] <SJTU-SV-noreply@yahoogroups.com>

Sent: Tuesday, January 21, 2020 3:06 PM

To: SJTU-SV@yahoogroups.com <SJTU-SV@yahoogroups.com>

Subject: [SJTU-SV] Mathematics in Intelligence Studies

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## ANSWER

A decorative horizontal bar consisting of a series of small, evenly spaced rectangles.